

THE GAZETTE.

TUESDAY EVENING, SEPT. 7.

HAY MAKING BY ARTIFICIAL HEAT.

The London Times of the 7th instant, in an account of hay-making by artificial heat, says: "No apparatus for the purpose appears to be in competition at the Royal Agricultural Society's trials of hay making machinery now being conducted at Tauton, but on Saturday we witnessed the operation of hay-drying by artificial heat at Gilwell Park, near Chingford, Essex, the residence of the inventor, Mr. Wm. A. Gibbs. After some years of practical experiment, Mr. Gibbs has brought his invention into the following form: A portable stove constructed of plate iron is surmounted by a fan, which is driven by a belt from a three-horse power portable steam-engine; the fan draws all the heated air and gases from the coke fire, together with a volume of warmed air, which passes through a chamber surrounding the inner chamber of the stove and blows the hot current, at a temperature of four hundred degrees Fahrenheit or more, into the drier. This resembles in general shape a straw elevator, consisting of a sheet-iron trough six feet in breadth, twenty feet long if mounted on wheels as a portable carriage, or forty or fifty feet long if a fixture. The trough is raised on one end at a low angle, so that the hay fed at the upper end furthest from the stove shall slowly travel to the lower end near the stove—this being assisted by a slow reciprocating motion given to the bottom of the trough. A ridge of triangular section running along the middle of the trough divides it into two almost semi-circular channels, so that the hay passes down in the two streams; the hot air issues through two slit apertures, one on each side of the base of the middle ridge, and for the entire length of the machine, and the hay is kept continually stirred and lighted up over the hot blast by a number of small iron stoves cleverly contrived to imitate the action of forks worked by hand.

"We saw partly made but wet hay passed through the machine and converted at once into a thoroughly dry condition for the stack; we saw spoilt and musty hay dried into hay of fair apparent quality and pleasant fragrance; and we saw freshly cut grass, saturated with rain from a very heavy thunder shower which poured down at the time, dried into hay of first class color and possessing the rich malt odor peculiar to well made hay. With a single twenty feet machine the operation is too slow to employ fully one man feeding off a cart, and another man removing the dried product; but with two such machines side by side, or with one fixed machine of forty feet or fifty feet length, probably one set of carters and stackers could be kept going. From the experiments made under our supervision it appears that while fresh wet grass loses seventy to seventy-five per cent. of its original weight in being made into hay, the quantity of moisture in excess in partially made hay, or hay caught by a heavy rain, may be from ten to twenty per cent. To expell this water from partially made hay requires a consumption of coke in the stove and of coal for the engine not exceeding a cost of one shilling and three pence per ton of hay dried. Preserving fresh-cut grass may cost in fuel six or seven times more. With outlay for labor and wear and tear of apparatus, the total expense, according to Mr. Gibbs' calculations does not exceed seven or eight shillings per ton, which is, indeed, a very moderate outlay for saving a loss of perhaps pounds per ton. To make fresh-cut grass into the finest hay at one stroke costs about £2 per ton of the dried hay."

WHAT HIS FATHER SAYS WHEN HE'S PLOWING.—"C. D. E. F." and the little fellow stopped.

"What's the next letter? You know it. What does your pa say to the oxen which he's plowing?"

"Cee."

"That's right. What next?"

"Get up out of that, you d—d fool, or I'll kick daylight through you."

THE MINERAL BUREAU.

The Bureau just established at Alexandria by the railroad companies to aid in developing the iron and other mineral resources of Virginia and promoting home metallurgical industries, will be open for the receipt and public display of samples on and after the first of September next.

For the guidance of those who wish to avail themselves of the advantages which this institution offers, the following items of information are given:

First: It will not undertake to negotiate the purchase or sale of any lands or minerals. In its operation it will be confined mainly to displaying the samples sent to it, and publishing all important information in relation thereto all communicated by the senders, acting in the matter as a gratuitous exhibitor and advertiser to the best of its ability, for public benefit.

Second: Each sample intended for display should be as near as possible a truthful average of the mass of mineral from which it was taken, and in quantity sufficient to fill a box measuring on the outside just one cubic foot. The box should be a slightly one, smooth on the outside, and fit to be placed on exhibition. Its lid should be screwed on, not nailed, to avoid breaking or defacing in opening.

Third: Each box should be distinctly marked on its lid thus:

(OR FOR EXHIBITION.)
Virginia Mineral Bureau,
Alexandria, Va.

And if delivered to the railroad agent at any of the established way stations, or to the baggage master on board of any passenger train on the Washington City, Virginia Midland and Great Southern Railroad, or any road connecting therewith, will be transported directly to destination free of charge, but without any liability for damage, loss or delay. All the roads in the State, it is believed, will immediately unite in this arrangement. When any box is so sent the Bureau should be notified thereof through the mail by the sender.

Fourth: Within each box, and securely enveloped to prevent soiling, there should be a statement, written in a distinct, bold hand, setting forth [first] the name and post-office address of the sender, [second] the exact location of the land from which the mineral was taken, and the probable quantity of mineral, and [third] the thickness, length and breadth of the deposit, so far as ascertained, and [fourth] whether or not the property is offered for sale, and if so offered, such other information as a person desiring to purchase would wish to ask for.

Fifth: Each box, as it is received, will be opened, labeled and placed for display in its appropriate position in the exhibition chamber, and the written statement found within it will always be open to the public for reference.

An appropriate notice of each sample will be once handed for publication to each of the newspapers in Alexandria.

Sixth: The exhibition chamber will be kept open to the public daily, Sundays and public holidays excepted, from 8 a. m. to 5 p. m. It will be the duty of the attendant to be courteous to visitors, and afford them every opportunity to inspect the samples on display and obtain whatever information in relation thereto of which the Bureau has possession. It will also be his duty to carefully protect the samples from being broken, mutilated or removed; but this rule will not apply to prevent limited average portions from being taken, according to special directions, for analysis.

W. F. SPOTTSWOOD,
August 28, 1875-1w In charge of Bureau.

PRICES DOWN!

We have received a notice from the manufacturer of our SHIRTS which enables us to reduce our best \$3 shirt to \$2.50; the lower numbers accordingly. Now is the time to call and be assured for Shirts. Fit guaranteed.

D. F. WITMER CO.,
je 2

HALF PRICE FOR KIDS!

Nos. 52, 6, 64, 68, 7, 74 and 75.
Reduced from \$1 to 50c to close them out.

D. F. WITMER CO.,
je 25

COMMISSION MERCHANTS.

W. A. JOHNSON, J. R. SHERWOOD,
JOHNSON & SHERWOOD,

GROCERS, LIQUOR,
FEED, AND COMMISSION MERCHANTS,
N. E. Corner Cameron and 1st streets,
ALEXANDRIA, VA.

We take pleasure in informing our friends and the public that we have leased the above store, formerly occupied by Mr. F. G. Swaine, and hope, by strict attention to business, to merit a share of their patronage. sept-17

J. C. & E. MILBURN,

Wholesale and Retail
GROCERS & COMMISSION MERCHANTS,
No. 19 N. Royal st., cor. Market Space,
Alexandria, Virginia.
Orders and consignments solicited. They will receive careful and prompt attention. je 2

R. M. LAWSON,
GENERAL COMMISSION MERCHANT,
No. 69 Cameron street,
Alexandria, Virginia.

Deals in Standard Fertilizers and Grass Seeds. Cash advances made on Grain in store. Consignments solicited. aug 3

R. B. LAWSON & CO.,
[Successors to R. M. Lawson.]
GROCERS AND LIQUOR MERCHANTS,
No. 67 Cameron street,
ALEXANDRIA, VA.
aug 3

THOMAS PERKY,
GENERAL COMMISSION MERCHANT
AND AGENT FOR
THE SALE OF FERTILIZERS,
No. 17 King street,
ALEXANDRIA, VA.
aug 16-17

GEO. WASHINGTON, R. J. WASHINGTON,
WASHINGTON & BROTHER,
COMMISSION MERCHANTS
NO. 20 UNION STREET,
ALEXANDRIA, VA.

Consignments of Grain, Merchandise and all kinds of Country Produce solicited. Special attention given to all business entrusted to them. Prompt returns made. ap 24

W. A. SMOOT,
DEALER IN
COAL, SALT AND PLASTER
SMOOT'S WHARF,
(Foot of Princess st.)
Alexandria, Virginia.
feb 21-17

HOOE & JOHNSTON,
(Successors to Fowle & Co.)
212 KING STREET,
ALEXANDRIA, VA.

COMMISSION AND SHIPPING MERCHANTS.
Dealers in all kinds of
FERTILIZERS, SALT AND PLASTER
Agents of the
NEW YORK & BALTIMORE STEAMERS
LIVERPOOL & LONDON & GLOBE IN
SURANCE COMPANY.
feb 5-17

SHINN & CO
(Successors to Samuel Hartley.)
GENERAL COMMISSION MERCHANTS
No. 13 Union street,
Alexandria, Va.

Particular attention paid to the selling of FLOUR, GRAIN and all kinds of COUNTRY PRODUCE, and filling all orders for GROCERIES, GUANO, PLASTER, SEEDS, &c., &c., at the lowest market rates.

Agents for the sale of James S. Welch's celebrated brands of FAMILY FLOUR.

Agents for the sale of the "ROUND TOP" HYDRAULIC CEMENT.

J. BROTHERS, J. LANNON,
J. BROTHERS & CO.,
No. 11 King street,
Alexandria, Va.

GENERAL COMMISSION MERCHANTS,
Wholesale Dealers in
GROCERIES,
LIQUORS,
PROVISIONS,
SALT FISH,
AND PRODUCE.

Also keep on hand a general assortment of Cordage, Tar, Pitch, Nails, Lime, Packing, Oils, Lamps and Ship and Naval Stores.

All orders and consignments promptly attended to, and goods forwarded without delay to consignees on arrival.

Agents for Dupont's Gunpowder.
XXX Ale and Porter always on hand.
Agents for the Baltimore and Potomac Transportation Line.
mh 10-17

W. M. F. BROOKES,
DEALER IN
FINE AND FANCY GROCERIES,
147 King street,
Alexandria, Virginia.

Special attention given to the selection of TEAS, COFFEES and FAMILY FLOUR.
je 10-17

GEO. McBURNEY & SON,
Dealers in
CHOICE FAMILY AND FANCY GROCERIES, WINES AND LIQUORS,
ENGLISH AND SCOTCH ALE AND BROWN STOUT.

Also, EASTERN and POTOMAC HERRING and MACKEREL.
NOS. 106 AND 110 KING STREET,
(Washington Hall Building),
Alexandria, Va.
Orders promptly filled. mh 31-17

G. WM. RAMSAY,
WHOLESALE AND FAMILY GROCER,
—AND—
TEA DEALER.
S. E. COR. KING AND ST. ASAPH STS.,
nov 22-17 Alexandria, Va.

CABINET FURNITURE.
JAS. F. MUIR, JOHN A. MUIR,
JAMES F. MUIR & BRO.,
[Successors to Wm. H. Muir & Son.]
Manufacturers of and Dealers in
FURNITURE,
141 and 143 KING STREET,
ALEXANDRIA, VA.
A large and fine stock always on hand. je 31

JAMES H. DEVAUGHN,
Manufacturer and Dealer in
FURNITURE,
No. 130 King street,
ALEXANDRIA, VA.

LOOKING GLASSES,
HAIR, COTTON TOP
AND HUSB MATRESSES,
kept constantly on hand and made to order at reasonable prices.

In order to secure prompt attention orders should be addressed to
JAMES H. DEVAUGHN,
No. 130 King street.
my 18-17

STEPHEN A. GREEN, JAMES E. GREEN,
GREEN & BROTHERS
STEAM
Furniture Works and Saw Mill
ALEXANDRIA, VA.

Having fitted up our factory with the latest and most approved machinery, we are prepared to furnish all kinds of HOUSE, OFFICE and SCHOOL FURNITURE at the very lowest rates; and are also prepared to do all kinds of SAWING and TURNING, MOULDING, PLANING and CARVING in our line.

Wanted, in exchange for the Furniture, Walnut, Popular, Oak, Maple, Birch and Cedar Logs.

CATERPILLAR FRINGE—We have just received another lot of Fringes, in all the desirable shades; also a fine assortment of Dress Buttons at

FERGUSON & BROS.,
my 24 96 King street.

W. B. WADDEY,
74 KING STREET,
ALEXANDRIA, VIRGINIA.

Large and superior stock of
LADIES' GENTS' MISSES' BOYS' and CHILDREN'S BOOTS AND SHOES.

which have been selected with great care and especially for my trade, and which can therefore be offered with a certainty of satisfying all who may purchase as to quality of material, style of finish and price.

On hand a large stock of
BOOTS, SHOES AND BROGANS
SUITABLE FOR THE
COUNTRY TRADE,
which will be sold at prices that will compete with Northern houses and superior in quality. Great care has been bestowed upon the selection of my stock, and purchasers may rely upon getting goods of a superior quality.

Liberal terms will be made to the trade, and orders from the country solicited, with a guarantee of satisfaction.
mh 11 W. B. WADDEY, 74 King st.

FINANCIAL.

W. D. CORSE,
STOCK, EXCHANGE AND COLLECTION BROKER.

Will deal in Gold and Silver Coin, State, City and Railroad Securities.

Will execute orders for any Stocks or Bonds on the Stock Boards of New York or Baltimore on commission.

Virginia Coupons, receivable for taxes, for sale.

Agent for the MUTUAL LIFE INSURANCE CO., of New York. je 2

BURKE & HERBERT,
Dealers in
GOLD, GOVERNMENT BONDS, LOCAL STOCKS, AND ALL FIRST-CLASS RAILROAD BONDS and other good investment securities, have for sale

VIRGINIA COUPONS, receivable for taxes, ALEXANDRIA CORPORATION SIX PER CENT BONDS.

Any information in regard to investments cheerfully given. my 21

ICE DEALERS.

ICE! ICE! ICE!

A full supply of
NORTHERN ICE,
from the clearest of water, and of unusual PURITY and SOLIDITY, constantly on hand.

Persons desiring to secure their summer's supply of the article, ABSOLUTELY FREE FROM ALL IMPURITIES, and at REASONABLE RATES, can do so by leaving their orders at my office, or by arrangement with my drivers.

F. A. REED,
JANNEY'S WHARF.
ap 21

BOOTS AND SHOES.

SPRING TRADE, 1875.

W. B. WADDEY,
74 King street,
ALEXANDRIA, VIRGINIA.

Large and superior stock of
LADIES' GENTS' MISSES' BOYS' and CHILDREN'S BOOTS AND SHOES.

which have been selected with great care and especially for my trade, and which can therefore be offered with a certainty of satisfying all who may purchase as to quality of material, style of finish and price.

On hand a large stock of
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SUITABLE FOR THE
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F. A. REED,
JANNEY'S WHARF.
ap 21

Alexandria Gazette

Job Printing Office

GAZETTE BUILDING.

We respectfully call the attention of our customers and the public generally to our extensive assortment of all kinds of

JOE TYPE

selected with great care, from which we are prepared to execute

JOB PRINTING

OF ALL KINDS,

guaranteeing perfect satisfaction in every particular.

W. B. WADDEY,
74 KING STREET.

Native Camphor.

The best Camphor in use for medicinal purposes.

THE GREAT MOTH DESTROYER—THE GREAT DISINFECTANT.

This Camphor is sublimed by a new process into pure and beautiful snowy flakes, and then compressed into convenient blocks. Will last twice as long, and is superior in every respect to the Camphor in use. For sale by

WARFIELD & HALL,
Corner Prince and Fairfax streets.

RENFREW WASH POPLINS just received. Best and cheapest Dress Goods of the season. je 10

D. F. WITMER CO.

BLACK ENGLISH GRAPE VELS, from \$2.50 to \$9. Also a large line of Mourning goods generally. my 22

D. F. WITMER CO.

GIFT CONCERT.

POSTPONEMENT.

FIRST GRAND GIFT CONCERT

FOR THE BENEFIT OF THE

Montpelier Female Humane Association

AT ALEXANDRIA, VA.,
ON THURSDAY, SEPTEMBER 20th.

LIST OF GIFTS.

1 Grand Cash Gift.....\$100.00
1 Grand Cash Gift.....50.00
1 Grand Cash Gift.....25.00
10 Cash Gifts, \$10.00 each.....100.00
10 Cash Gifts, 5.00 each.....50.00
50 Cash Gifts, 1.00 each.....50.00
100 Cash Gifts, .50 each.....50.00
1,000 Cash Gifts, .10 each.....100.00
20,000 Cash Gifts, .01 each.....200.00

22,178 Cash Gifts, amounting to.....\$1,000.00

Number of Tickets, 100,000.

PRICE OF TICKETS.

Whole Tickets.....\$20.00
Halves.....10.00
Quarters.....5.00
Eighths or each Coupon.....2.50
54 Tickets for.....100.00
Eleven Tickets for.....200.00

The Montpelier Female Humane Association, chartered by the Legislature of Virginia and the Circuit Court of Orange county, proposes, by a series of Grand Gift Concerts, to establish and endow a "Home for the Old, Infirm and Destitute Ladies of Virginia," at Montpelier, the former residence of President Jas. Madison.

The Association is under the control of eight trustees, six of whom are elected biennially by the stockholders and two appointed by the Governor of Virginia.

References by permission: His Excellency, James L. Kemper, Governor of Virginia; His Excellency, Gilbert C. Walker, ex-Gov. of Va.; Hon. Robert E. Withers, Lieutenant Governor of Virginia and U. S. Senator elect; Hon. Robt. W. Hughes, Judge Eastern District of Virginia; Senators and Members of Congress from Virginia.

Governor's Office, Richmond, July 3, '74. It affords me pleasure to say that I am well acquainted with a large majority of the officers of the Montpelier Female Humane Association who reside in the vicinity of my home, and I attest their intelligence and their worth and high reputation as gentlemen, as well as the public confidence, influence and substantial means liberally represented among them.

JAMES L. KEMPER, Gov. of Virginia.

Alexandria, Va., July 8th, 1874.

My personal acquaintance with a majority of the gentlemen controlling the Montpelier Female Humane Association and the reputation of all of them enables me to commend them as fully entitled to the confidence of the public. No act or representation inconsistent with honor and integrity need be apprehended in the conduct or representations of these gentlemen.

R. W. HUGHES,
U. S. Judge East. Dist. of Va.

For full particulars, testimonials, &c., send for circular.

Remittances for tickets may be made by express pre-paid, postoffice money order on Alexandria, Va., or by registered letter to J. K. EYON, President M. F. H. A., Alexandria, Va.

Reliable Agents wanted everywhere.

nov 23-17

CONFECTIONERY, &c.

BRENGLE'S

Ice Cream Parlors

AND

CONFECTIONERY,

129 King street.

ap 16-17

FOR SPRING AND SUMMER

1875.

J. P. CLARKE,

NO. 168 KING STREET.

NEW PAPER HANGINGS AND INTERIOR DECORATIONS.

The largest, best, and most beautiful assortment of new Papers, Window Curtains and Interior Decorations, suitable for Parlors, Halls, Chambers and Dining Rooms, surpassing in quality and price any goods in this line ever offered in this city. ap 15

CALICOES, DOMESTICS, &c., &c.

CHOICE BRANDS AT POPULAR PRICES.

We receive and open to-day some 300 pieces choice style Calicoes, together with the best assortment of Bleached and Bro. Cottons we have ever offered. Baltimore prices to country merchant.

D. F. BRASHEAR,
H. B. HOOMES, No. 109 King street,
S. D. HARPER, [je 30] Alexandria, Va.

QUININE AND GLYCERINE HAIR TONIC.

This Hair Wash contains the tonic and invigorating properties of Quinine, with the softening and moistening properties of Glycerine. It is intended to prevent the hair from falling out, and to promote its healthy and rapid growth. As a dressing for ordinary Toilet use it will be found an elegant preparation. For sale by [je 16] WARFIELD & HALL.

AUGUST FLOWER.

GREEN'S GREAT DYSPEPTIC PANACEA Cures Dyspepsia in all its forms, such as indigestion of the Stomach, Bowels, Kidneys, Bladder, Constipation, Biliousness, Sour Stomach, Heartburn, Waterbrash, Sick Headache, and all the terrible diseases caused by Dyspepsia. Just received and for sale by [sept 1]

WARFIELD & HALL.

HINGES, SCREWS, LOCKS, SASH PULLEYS and other Hardware for the use of builders, at 88 King street, corner of Royal st., Alexandria, Va.—We have on hand a large stock of the above named goods, which were purchased at low figures, and will be sold at a small profit. Persons who are in want will find it to their advantage to call and examine.

je 15 J. T. CREIGHTON & SON.

AYER'S MEDICINES,

Ayer's Cherry Pectoral, Sarsaparilla, Hair Vigor, Aque Cure and Cathartic Pills. Having received the appointment as LOCAL AGENTS for the above, we are prepared to sell to the trade or merchants at manufacturer's prices when purchased by the case.

je 15 E. S. LEADBEATER & BRO.

TRAVELLING BAGS.

Just received our third supply of Travelling Bags and Satchels, all sizes, which we are offering at very low prices.

FERGUSON & BROS.,
je 24 96 King street.

STEAMBOATS.

POTOMAC FERRY COMPANY.

PUBLIC ACCOMMODATION.